



11-04-05

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Chunhong Hou

Appln. No. : 10/694,483

Filed : October 27, 2003

Title : BIASING FOR TRI-LAYER
MAGNETORESISTIVE SENSORS

Docket No. : I69.12-0577

Group Art Unit: 2652

Examiner: Chen, Tianjie

EXPRESS MAIL COVER SHEET

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SENT VIA EXPRESS MAIL

Express Mail No.: EV 655619656 US

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and
Trademark Office on the date shown below:

1. Response; and
2. Return Postcard.

Respectfully submitted,

KINNEY & LANGE, P.A.

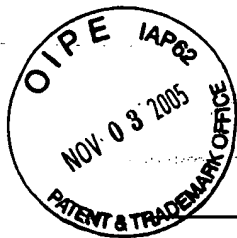
Date:

11/3/05

By

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Sir:

This is in response to the Office Action mailed on October 24, 2005, in which the Examiner requires an election of a single disclosed species for prosecution between Species 1 (FIG. 4), Species 2 (FIG. 5), Species 3 (FIG. 6), Species 4 (FIG. 7), and Species 5 (FIG. 8).

The Applicants hereby elect Species 2 (FIG. 5) for prosecution on the merits. Claims 1, 2, 4, 5, 7, 14-16, 22-25, and 27 are currently readable on the elected species.

The Examiner has further stated that claims 1, 16, and 27 are currently generic to all species. Applicants believe that claims 2, 4, 5, 7, 14, 15, and 22-25 are also generic and read on each of the species referred to by the Examiner. In particular, each embodiment shown and described in FIGS. 4-8 includes a nonmagnetic spacer means as disclosed by claim 2 and a nonmagnetic spacer layer as disclosed by claim 25. In addition, claims 4, 5, 7, 14, 15, and 22-24 are also shown and described in FIGS. 4-8 since the requirements of these claims are described with regard to FIGS. 1-3, which are generic to all embodiments of the present invention.

First Named Inventor: Eric W. Singleton

Application No.: 10/198,918

-2-

In conclusion, the applicants believe this Response has placed the application in condition for allowance. Notice to that effect is respectfully requested.

Respectfully submitted,

KINNEY & LANGE, P.A.

Date: 11/3/05

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